

### "Universal Peace."

The czar's attempt at the establishment of universal peace is not the first of the kind that has been made by a European monarch. The French King Henry IV. of Navarre proposed something similar in the sixteenth century. His idea was to form the European nations into a confederation of states, and each state to be evenly balanced in military and naval power. The confederation was to be a supreme court of arbitration to decide all disputes that might arise. There was one flaw in this peace proposal—the Turk was to be excluded, and the states were to wage a war of extermination against him. The project was discussed and dropped.

### Archery the Sport of Kings.

Archery was a pastime beloved of many kings and queens of old. Mary Queen of Scots was noted for her skill with the bow, and a story has been told against her that shortly after Darnley's murder she was shooting at the Tranent butts with Bothwell for partner. Henry VIII was an "archer bold," and among other Royal experts with bow and arrow were Edward VI and Charles I.

### Shouting Their Praises.

Friarpoint, Miss., August 22 (Special).—Cured of Bladder and Kidney Trouble after 26 years of suffering. Rev. H. H. Hatch, of this place, is telling the public the good news and shouting the praises of the remedy that cured him—Dodd's Kidney Pills. Rev. Mr. Hatch says:—

"I have been suffering from Bladder and Kidney Trouble for 26 years and I have tried everything that people said would do me good. But nothing did me any good except Dodd's Kidney Pills.

"I haven't felt a pain since I took Dodd's Kidney Pills. They gave me health and I feel like a new man altogether. Dodd's Kidney Pills are the best I ever had."

All Urinary and Bladder Troubles are caused by diseased kidneys. The natural way to cure them is to cure the kidneys. Dodd's Kidney Pills never fail to cure diseased kidneys in any stage or place. They always cure Backache and they are the only remedy that ever cured Bright's Disease.

### England's Great Artist.

George Frederick Watts, the great English artist, who died recently in London, rarely worked from a living subject, but modeled fragmentary studies in wax and clay for particular parts of the figures of his pictures. This patriarch of painters said in reference to his principal works that one of his great aims was to take the terror away from death.

### "Makes It Go Way."

We simply can't do without it. We are not going to try. When Bobby stubs or cuts his toe, it's "Ma, where's the Lightning Oil?" When Lizzie burns her hand or arm, it's "Where's the Lightning Oil?" When little Dick's been playing with a bumble bee, it's "Where's the Lightning Oil?" The echo of all our afflictions is "Where's the Lightning Oil?" It's the balm that makes the pain go way. Sincerely yours,

P. CASSIDY,  
Montevallo, Ala.

25 and 50c bottles.

### Italian Cotton Industry.

The cotton industry of Italy increases in importance and is distributed among 730 factories and employs over 135,000 hands. More than half the factories are worked by steam, the remainder by electricity and hydraulic power. Out of 80,000 looms employed, 60,000 are mechanical. The total production is now calculated at an annual value of over £12,000,000.

### Eyesight Hurt by City Life.

The English race is getting near-sighted owing to the city life and conditions of civilization, says a well-known oculist.

## USEFUL HAY PRESS

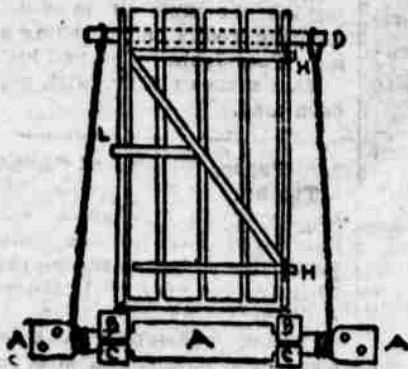
### HANDY MACHINE THAT CAN BE ALL HOME MADE.

Full Directions for Building—Easy to Operate and Comparatively Inexpensive—Will Bale Bundles Up To 1,000 Pounds Weight.

Having occasion to press twenty-five tons of hay a year with hand press, I enclose you herewith description of the press and how to make it. According to size, it will bale bundles from 100 to 1,000 pounds in weight.

To make the press, take two pieces of timber, preferably hardwood, 8 by 8 inches, and 4 feet long. On top of these lay two pieces 6 by 8 inches. In the middle and across each piece make a half-round depression 4 inches deep and 8 inches across. Make a roller at least 8 inches thick of hardwood, shown as A in plan, and in length proportionate to the width of the press; 6 feet is enough for pressing 300-pound bales. Place bed pieces and roller so that the 8 by 8 inch piece, shown as B in plan, is uppermost. Space the bed pieces 2 feet 4 inches apart by tacking 1½-inch pieces across. On this foundation proceed to build a box of 2-inch plank from 9 to 12 feet high. Brace the rear firmly to the bed pieces. Hinge the front side as shown in cut with heavy hinges (H), and put on a heavy lock latch at L.

To operate the press, cut two wires, Nos. 14 or 12, long enough to reach around the bundle; bore holes one foot apart in the rear of the box above where the top of the bundle will be when pressed; run one end of wires through holes, leaving just enough in the press to reach the bottom edge of door when you are inside and have them under foot. When your box is tramped full of hay, have two pieces of 3-inch plank, soft wood, slightly smaller than inside of press. Place these on top of the hay crossways of the roller. Now have hardwood beam, O, 5 inches in diameter and long enough to project one foot or so over each edge of the press. Place the beam over the planks and parallel with the roller. Have two log chains with not less than seven-sixteenth inch links; make a loop at one end of each, which will slip readily over the end of the beam; hang them on the projecting ends of the beam, D, and attach the lower ends permanently to the roller below, so that the draught will be even. Wind down with crowbars, having a link or wooden bar so arranged as to hold one of the crowbars down when the hay is pressed. Unlock the door with hammer or mallet; reach the lower end of wire, which should have a loop on it, and have the end which



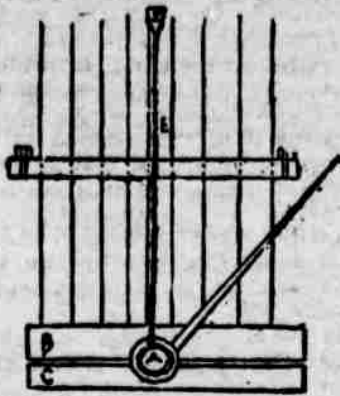
Front View of Home-Made Hay Press.

A—handsome roller.—B, bedpiece, 8 by 8 inch.; C—bedpiece 8 by 6 in.; D—beam; H—hinges; L—latch.

was passed through the hole in rear of press, run under the beam and handed to you by helper, who goes into the top of the press to cast off chains, etc.; run wire through loop; have a tightener made by dressing a hardwood stovewood stick to 1½ inches round at one end. In this should be a gimlet hole through which a little of the wire is put. First tightener right up, and herein lies the secret of hard-pressed bales. Fasten

wires, release crowbar, cast off chains, take out the beam and cant the bale out with hay hook.

The press we use at present is two feet eight inside, and ten feet high. It will make bales weighing from 250 to 300 pounds, according to quality of hay, and when hay is handy a bale can be made every 20 or 25 minutes. Heavy wire, heavy chains, and substantial press are required, as the strain is very great. The press is better made two or three inches wider



Side View of Home-Made Hay Press.

Space shown at E—represents opening half way down each side, allowing pressing beam to operate.

at the front than at the back, thus allowing bundles to cant out easily.

### Budding Plum Trees.

B. J. S.—Kindly describe the process of budding plum trees and state at what season of the year it should be done.

The ordinary method of propagating plums is by budding. The shield-shaped bud is used and it is inserted in a T-shaped incision made in the stock. The stocks are of two kinds, native and imported. The imported are best for the European varieties of plums. They are planted in spring, cultivated so that vigorous growth is developed, and budded in August as a rule. The budding season depends considerably upon the locality and the character of the weather. If dry and hot, budding will have to be done comparatively early. If wet and cool, the growing season is lengthened and the budding may be done later. Therefore, no specific date can be given. The best time to do it is just before the bark tightens down. Occasional examination of the bark will bring out the right season.

### Fall of Water for Hydraulic Ram.

G. B.—How many feet of fall would be required to raise water forty feet by means of a hydraulic ram?

The least fall that would serve the purpose is about three feet, and it would be better to have five feet if possible. The ratio between the amount of fall and the amount of lift determines the amount of water that the hydraulic ram can deliver. For instance, with a fall of five feet and a lift of forty feet, supposing that the amount of water delivered to the machine is ten gallons per minute, then the amount of water delivered by it would be about three-quarters of a gallon per minute. However, while three feet, delivering one-half gallon a minute, would be sufficient fall to operate the machine, a greater fall with the same amount of water supplied and the same lift will secure a larger delivery.

### Lime and Cement Concrete.

P. W. C.—I would like to make concrete of lime, cement and gravel or sand. In what proportion should these be mixed in order to withstand frost?

If the concrete is to be used where water and frost will come into contact with it, lime should not be mixed, as it would surely crack. For indoor work a concrete made of four bushels of lime to a cubic yard of gravel will answer very well; an addition of one bushel of cement will increase the strength of the concrete. It is not advisable in any case to mix lime and cement together for concrete.

## BACKACHE AND DIZZINESS

Most of the Ailments Peculiar to the Female Sex are Due to Catarrh of Pelvic Organs.



MRS. M. BRICKNER.

99 Eleventh Street,  
Milwaukee, Wis.

"A short time ago I found my condition very serious, I had headaches, pains in the back, and frequent dizzy spells which grew worse every month. I tried two remedies before Peruna, and was discouraged when I took the first dose, but my courage soon returned. In less than two months my health was restored."—Mrs. M. Brickner.

The reason of so many failures to cure cases similar to the above is the fact that diseases peculiar to the female sex are not commonly recognized as being caused by catarrh.

Catarrh of one organ is exactly the same as catarrh of any other organ. What will cure catarrh of the head will also cure catarrh of the pelvic organs. Peruna cures these cases simply because it cures the catarrh.

If you have catarrh write at once to Dr. Hartman, giving a full statement of your case, and he will be pleased to give you his valuable advice gratis.

Address Dr. Hartman, President of The Hartman Sanitarium, Columbus, O.

### FEMALE TROUBLE NOT RECOGNIZED AS CATARRH.

### Original Rough Riders.

The original Rough Riders antedated the pony express by several years. The Rifle Rangers themselves were rough riders, and Mayne Reid was a captain, leading in person many a gallant charge against the "greasers," Apaches, Comanches and Sioux.

### For Thirty Years.

"Inclosed find money order for one dollar, for which please send its worth in Simmons Liver Purifier, put up in tin boxes. I have been using the medicine for thirty years."

THOS. H. REILLY,  
Jonesville, La.

No comment necessary.  
Price 25c per box.

### Few Reach Extreme Old Age.

Insurance tables show that one German in 100,000 lives to be 100 years old.

The Best Results in Starching can be obtained only by using De-fiance Starch, besides getting 4 oz. for 10 cents. Once used, always used.

## AGENTS WANTED

Portraits and Frames. Prices, 12c, 15c, 40c and up. Portraits 30c, 50c and up. Catalogue and Samples Free. HUNTER PORTRAIT CO., 1295 W. Madison St., Chicago, Ill.

Relieved with Thompson's Eye Water

W.N.U.—Oklahoma City, No. 35, 1904

## BEGGS' BLOOD PURIFIER CURES catarrh of the stomach.

PISO'S CURE FOR CURED WHILE ALL ELSE FAILS. Best Cough Syrup. Tastes Good. Use in time. Sold by druggists. CONSUMPTION